IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mohammad H.S. Amin et al.

Application No. : 10/791,579 Filed : March 2, 2004

For : SYSTEMS AND METHODS FOR ENTANGLING QUBITS

Examiner : Andrew Owens Arena

Art Unit : 2811

Docket No. : 240105.419C2 Date : October 4, 2007

Mail Stop Amendment Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT

Commissioner for Patents:

In response to the Office Action dated August 6, 2007, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.